Elegant MRP

Moisture regulating lime render

BE SURE. BUILD SURE.

PRODUCT PROPERTIES

- One-component
- Contains natural hydraulic lime (NHL 3,5)
- Moisture regulating, fungal-retarding
- Very high water absorption, climate regulating at a layer thickness ≥ 2 cm
- Excellent application properties
- Non-hydrophobized, open to water vapour diffusion
- Sustainable, no sacrificial render
- Very good bonding and adhesive properties
- Effective at low layer thicknesses
- Resistant to weathering, high-water and splash water
- Non-flammable according to EN 13501-1 - building material class A1

AREAS OF APPLICATION

- Universal repair with one product - suitable as preparatory- and levelling render and finishing coat
- Permanent moisture regulation in interior, exterior and base areas
- Suitable for restoration of historic and heritage buildings
- Suitable for low-saline and moist brickwork with a moisture ratio of up to 95 %

APPLICATION ADVICE

Substrate preparation / Pre-wetting:
See leaflet ”General Application Advice Elegant MRP“. The salinity in the substrate is to be determined by means of a salt analysis. Prior to application of Elegant MRP the substrate must be pre-wetted thoroughly.

Mixing: Elegant MRP is added to the prepared water under constant stirring and mixed until homogeneous and lump-free. The consistency is adjusted by adding powder, extra water must not be added. Double mixers are to be used for mixing. Mixing by hand is not permitted. Mixing takes 2 minutes. Following a setting time of at least 1 minute the material is stirred again for 30 seconds.

Render build-up: Elegant MRP is suitable for use as preparatory- and levelling render and as finishing coat. The different mixing ratios must be observed. For detailed information on render build-up please request our special advice.

Application: Elegant MRP may be applied in one or more layers, either by hand or using standard fine render feed pumps including pan mixer. Please request our special advice or the equipment planner for machine-applied render systems.

Surface finish: The surface may either be finished using its own juice, without addition of extra water, using a foam rubber, felt or hard wood float or finally abraded using a grid float. Elegant MRP must not be finished with a sponge board under any circumstances!

Curing: Elegant MRP must be prevented from drying out too rapidly and protected from direct sun and wind exposure.

General information: Painting of finishing coats should be avoided, if possible, to not impair the high ”breathability“ of the render.

If a coat of paint is required, do not use any vapour sealing paints or coatings under any circumstances. Only highly diffusible, silicate-based paint coats with the following characteristics are permitted:

Diffusion resistance Sd-value: < 0.01 m.

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TECHNICAL VALUES & PRODUCT CHARACTERISTICS

Characteristic	Unit	Value	Comments
Maximum grain size	mm	1.2	
Mixing ratio	kg/l		
As preparatory render		20 : 5.4 - 6	powder component : water
As a levelling plaster		20 : 5.2 - 5.8	powder component : water
As a finishing plaster		20 : 5.2 - 5.8	powder component : water
Air void content of the fresh mortar	%	approx. 25	Plaster finish
Working time	minutes	approx. 30	at 20° C
Application conditions	°C	≥ 5 ≤ 30	air, substrate and material temperatures
Consumption	kg/m²		
As preparatory render		approx. 8 - 10	dry mortar
	kg/m²/mm		
As a levelling plaster		approx. 1.35	dry mortar
As a finishing plaster		approx. 1.35	dry mortar
Layer thickness	mm	8	minimum layer thickness per pass/operation
		20	maximum layer thickness per pass/operation
Overworkable after	hours	48	pre-spray plaster / levelling coat
	day(s)/mm	1	Levelling / Finishing plaster coat

All technical values are laboratory results determined at 21°C ±2°C and 50% relative humidity.

Colour	natural white
Delivery form	20 kg bag
Storage	Can be stored in cool and dry conditions for at least 12 months in original unopened packs.
Packaging disposal	Make sure single-use containers are completely empty.

GISCODE : ZP1

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